

Title (en)

INFORMATION PROCESSING DEVICE, INFORMATION PROCESSING METHOD, AND PROGRAM

Title (de)

INFORMATIONSVERRARBEITUNGSVORRICHTUNG, INFORMATIONSVERRARBEITUNGSVERFAHREN UND PROGRAMM

Title (fr)

DISPOSITIF DE TRAITEMENT D'INFORMATIONS, PROCÉDÉ DE TRAITEMENT D'INFORMATIONS ET PROGRAMME

Publication

EP 3730196 A4 20210609 (EN)

Application

EP 18890236 A 20181205

Priority

- JP 2017242674 A 20171219
- JP 2018044640 W 20181205

Abstract (en)

[origin: EP3730196A1] The present technology relates to an information processing apparatus, an information processing method, and a program, suitable for appropriately recognizing rhythm of motion of a user. The information processing apparatus includes a motion rhythm recognizing unit configured to recognize motion rhythm indicating rhythm of motion of a user on the basis of detection data detected by a sensor apparatus at one or more detection positions including at least one portion on a body trunk of the user, the detection data indicating motion of the detection positions. The present technology can be applied, for example, to a production system that produces performance.

IPC 8 full level

A63B 71/06 (2006.01); **A63B 69/00** (2006.01); **G06K 9/00** (2006.01)

CPC (source: EP US)

G06V 20/20 (2022.01 - US); **G06V 40/23** (2022.01 - EP US); **G09B 19/003** (2013.01 - US); **G09B 19/0038** (2013.01 - EP); **A63B 71/0622** (2013.01 - US); **A63B 2071/0647** (2013.01 - US); **A63B 2220/05** (2013.01 - US); **A63B 2220/836** (2013.01 - US); **G09B 19/0015** (2013.01 - US)

Citation (search report)

- [X] WO 2014150457 A2 20140925 - NIKE INC [US], et al
- [I] ANDREW GODBOUT ET AL: "Rhythmic Sonic Feedback for Speed Skating by Real-Time Movement Synchronization", INTERNATIONAL JOURNAL OF COMPUTER SCIENCE IN SPORT - VOLUME, 1 January 2012 (2012-01-01), XP055767346, Retrieved from the Internet <URL:https://www.eecis.udel.edu/~shatkay/Course/papers/BoydJournalSports2012.pdf> [retrieved on 20210120]
- [X] ANDREW GODBOUT ET AL: "MOBILE SONIFICATION FOR ATHLETES: A CASE STUDY IN COMMERCIALIZATION OF SONIFICATION", THE 20TH INTERNATIONAL CONFERENCE ON AUDITORY DISPLAY (ICAD-2014), 22 June 2014 (2014-06-22), XP055767355, Retrieved from the Internet <URL:https://smartechn.gatech.edu/bitstream/handle/1853/52048/Godbout_Thornton_Boyd%20-%20MOBILE%20SONIFICATION%20FOR%20ATHLETES%20A.pdf?sequence=1&isAllowed=y> [retrieved on 20210120]
- See references of WO 2019124069A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3730196 A1 20201028; **EP 3730196 A4 20210609**; CN 111315453 A 20200619; CN 111315453 B 20220419; JP 2023022265 A 20230214; JP 7192794 B2 20221220; JP 7424456 B2 20240130; JP WO2019124069 A1 20201210; US 2020388190 A1 20201210; WO 2019124069 A1 20190627

DOCDB simple family (application)

EP 18890236 A 20181205; CN 201880071450 A 20181205; JP 2018044640 W 20181205; JP 2019560940 A 20181205; JP 2022193967 A 20221205; US 201816772475 A 20181205